

FIG.1A

FIG.1B

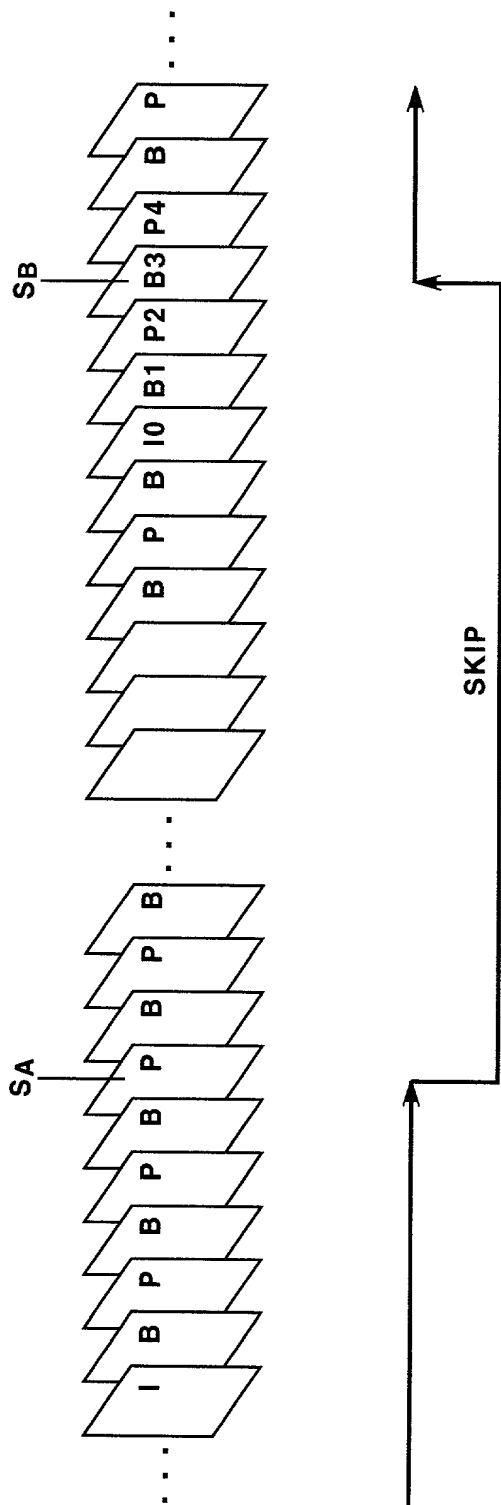


FIG.2

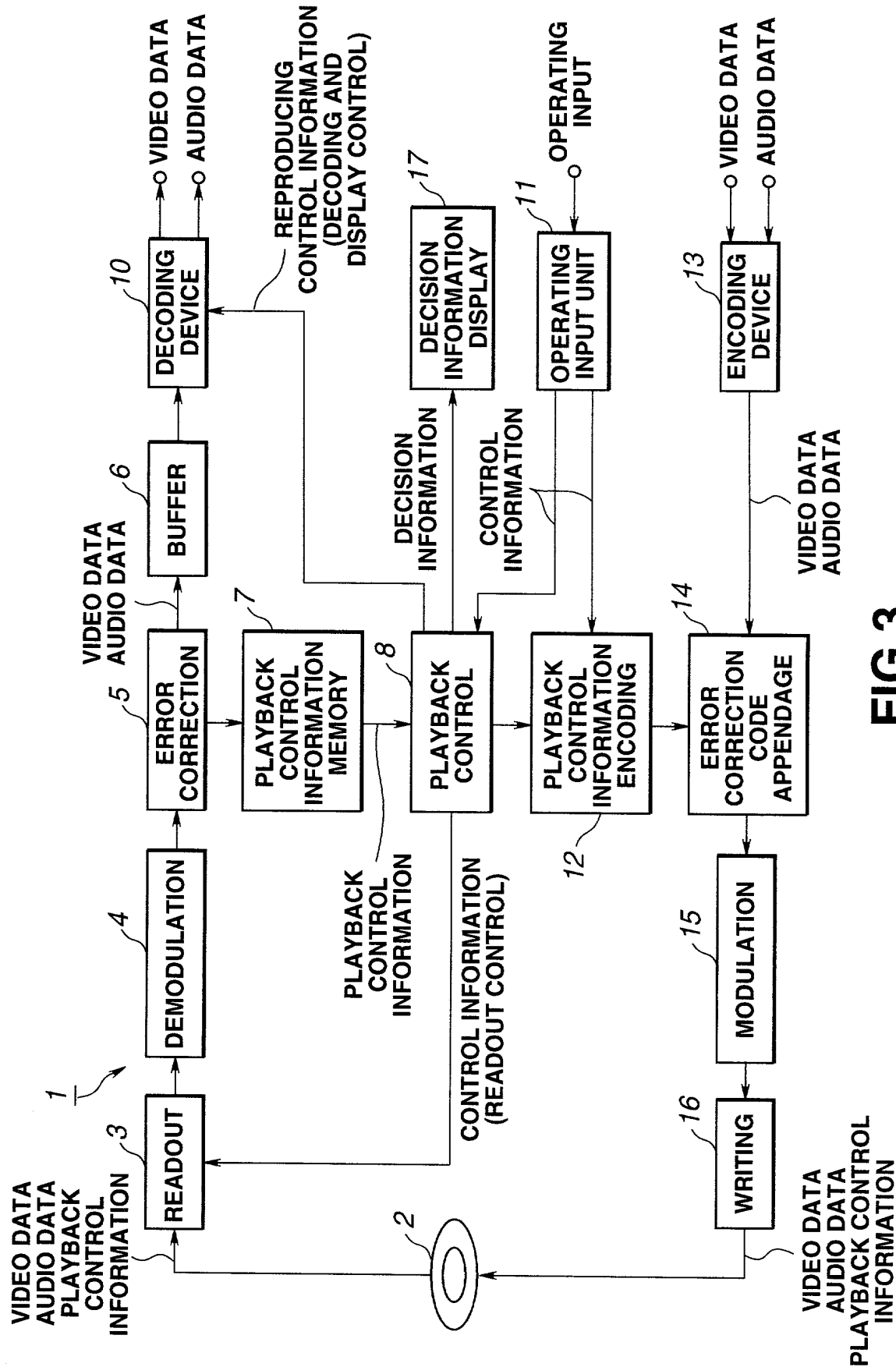


FIG.3

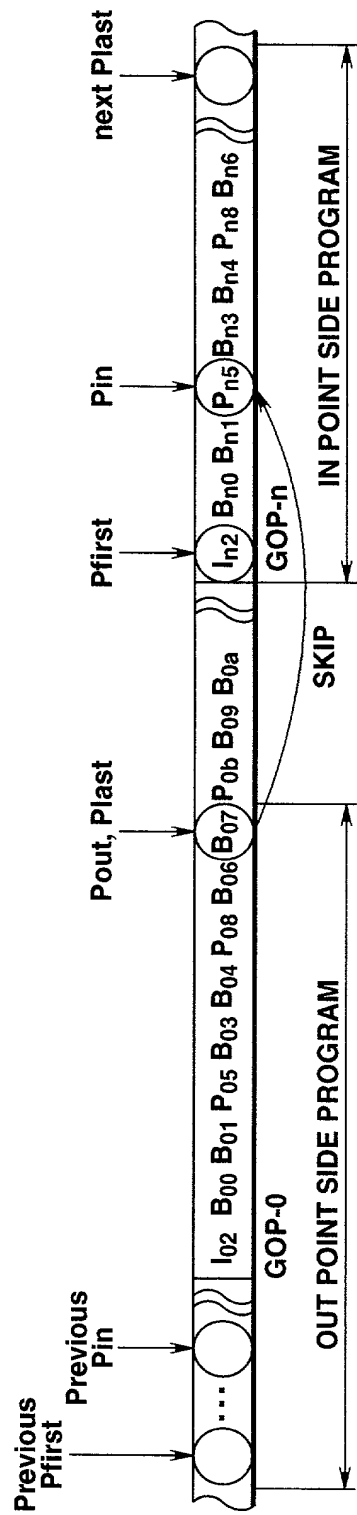
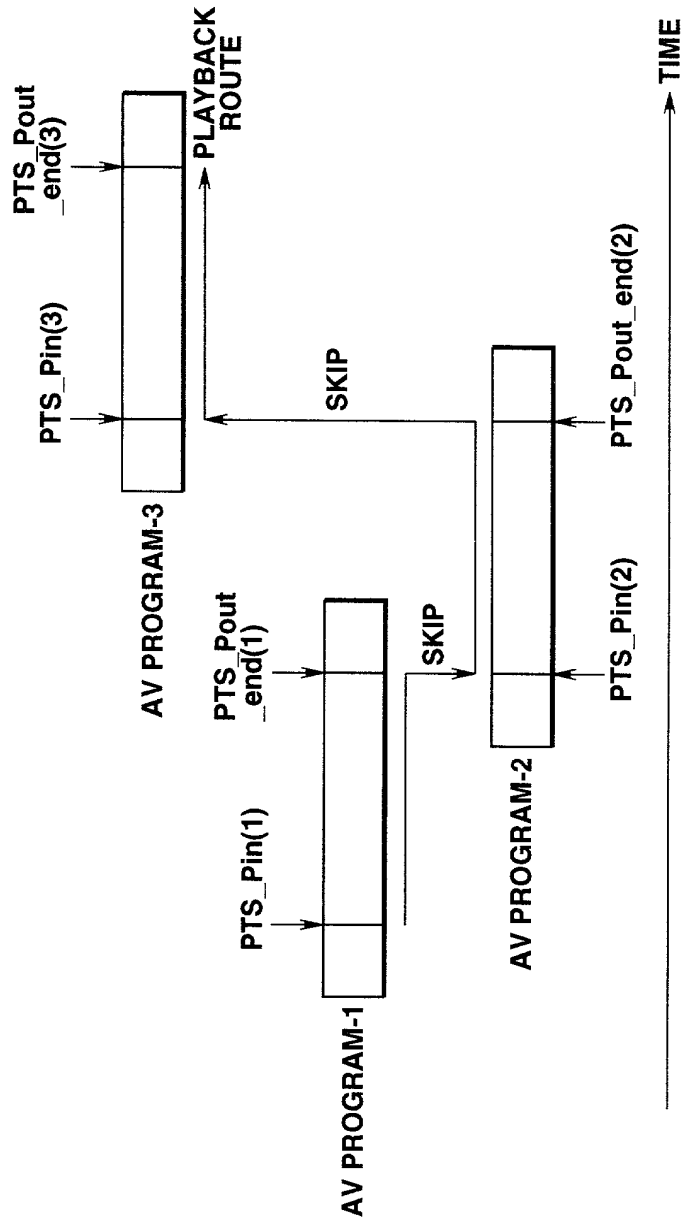


FIG.4



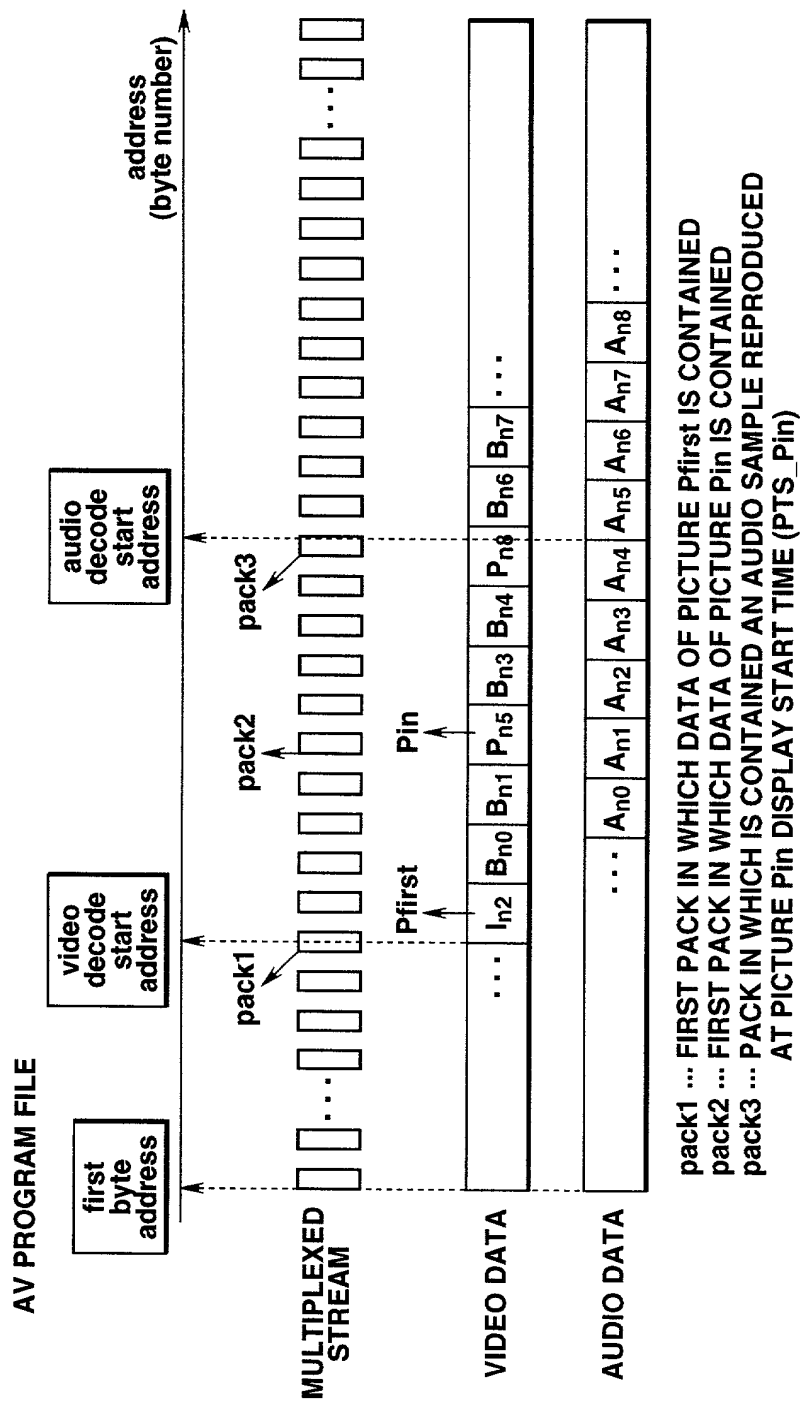
$$PTS\_Pin(2) = PTS\_Pout\_end(1) - STC\_offset(1)$$

$$STC\_offset(1) = PTS\_Pout\_end(1) - PTS\_Pin(2)$$

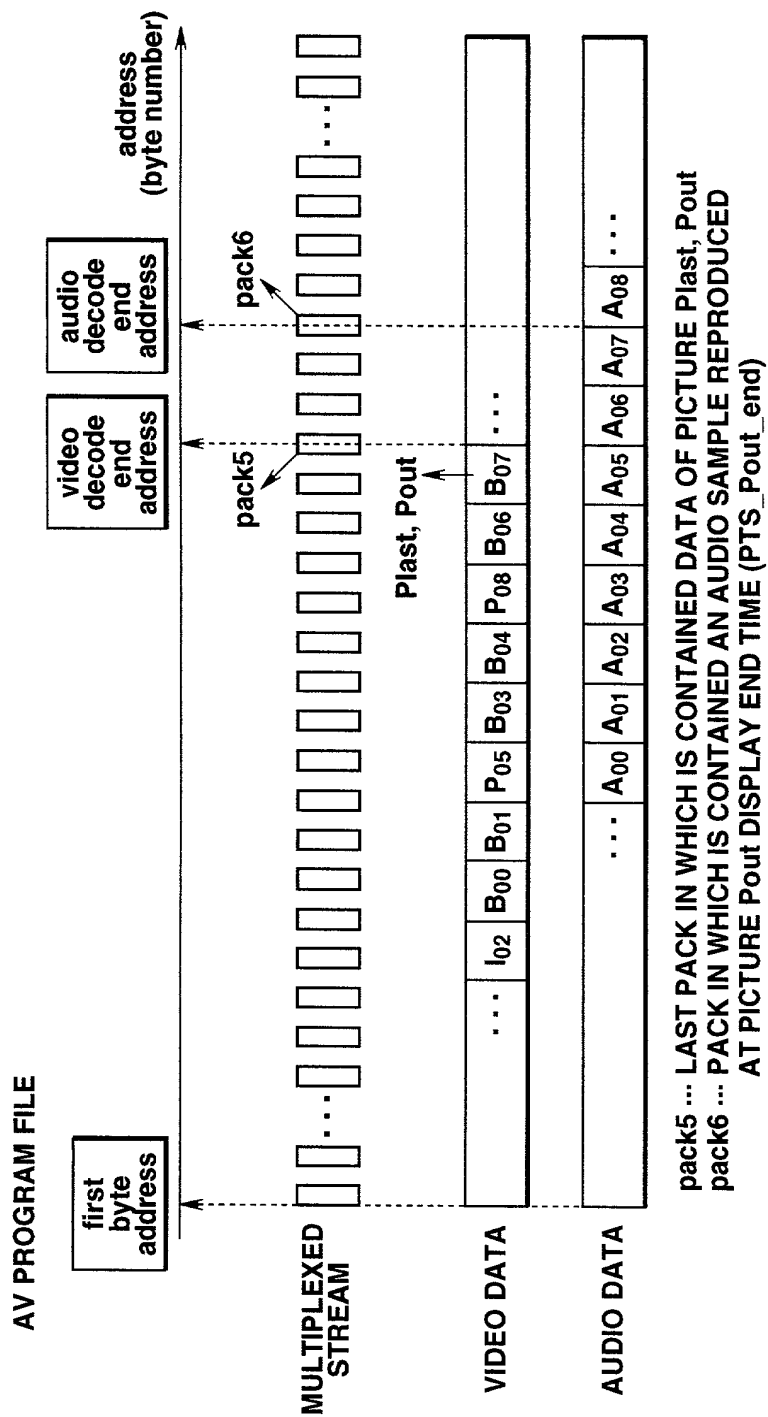
$$PTS\_Pin(3) = PTS\_Pout\_end(3) - STC\_offset(2)$$

$$STC\_offset(2) = PTS\_Pout\_end(2) - PTS\_Pin(3)$$

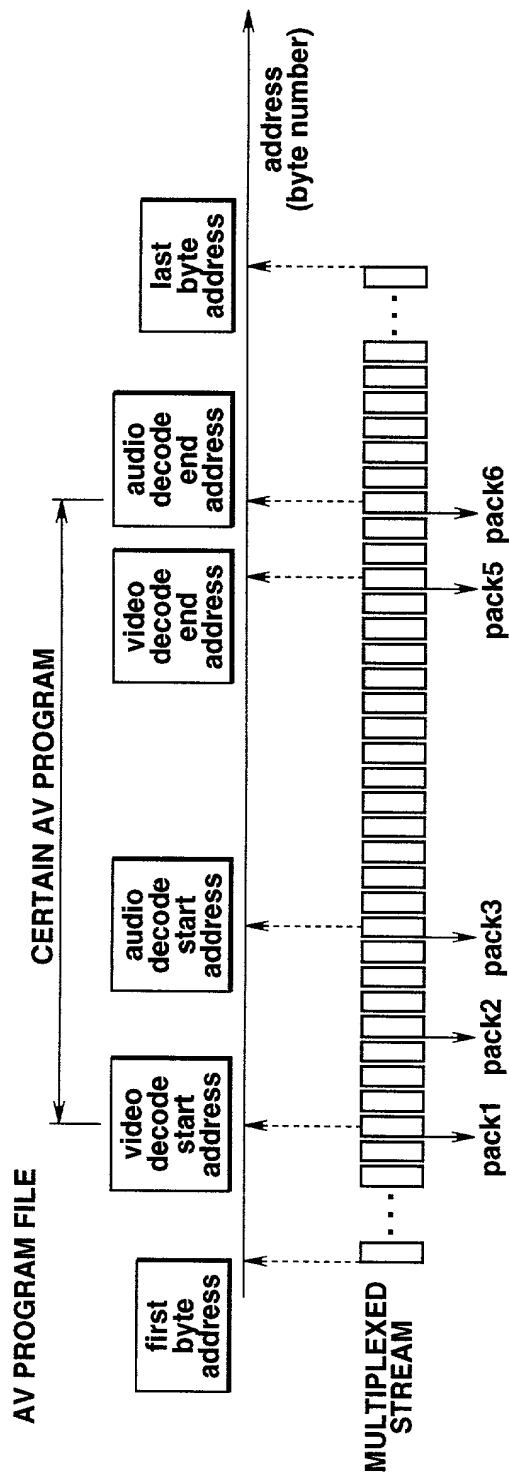
**FIG.5**



**FIG.6**



**FIG.7**



pack1 ... FIRST PACK IN WHICH DATA OF PICTURE Pfirst IS CONTAINED  
 pack2 ... FIRST PACK IN WHICH DATA OF PICTURE Pfirst IS CONTAINED  
 pack3 ... PACK IN WHICH IS CONTAINED AN AUDIO SAMPLE REPRODUCED  
 AT PICTURE Pfirst DISPLAY START TIME (PTS\_Pfirst)  
 pack5 ... LAST PACK IN WHICH IS CONTAINED DATA OF PICTURE Pfirst  
 pack6 ... PACK IN WHICH IS CONTAINED AN AUDIO SAMPLE REPRODUCED  
 AT PICTURE Pfirst DISPLAY END TIME (PTS\_Pfirst\_end)

FIG.8



```

AV_program_File( ){
    do (
        pack( )
        while(nextbits( )==pack_start_code)
    )
}

```

```

pack( ) {
    pack_header( )
    PES_packet( )
}

```

```

PES_packet( ){
    packet_header( )
    PTS
    DTS
    packet_payload( )
}

```

**FIG.9**

AV program file  
(program stream file)

```

playback_information_file( ){

    PTS_Pin
    PTS_Pout_end
    video_decode_start_address
    audio_decode_start_address
    video_decode_end_address
    audio_decode_end_address

    Pin_index
    Pin_type
    Plast_index

    Pin_first_field_parity
    Pout_last_field_parity
}

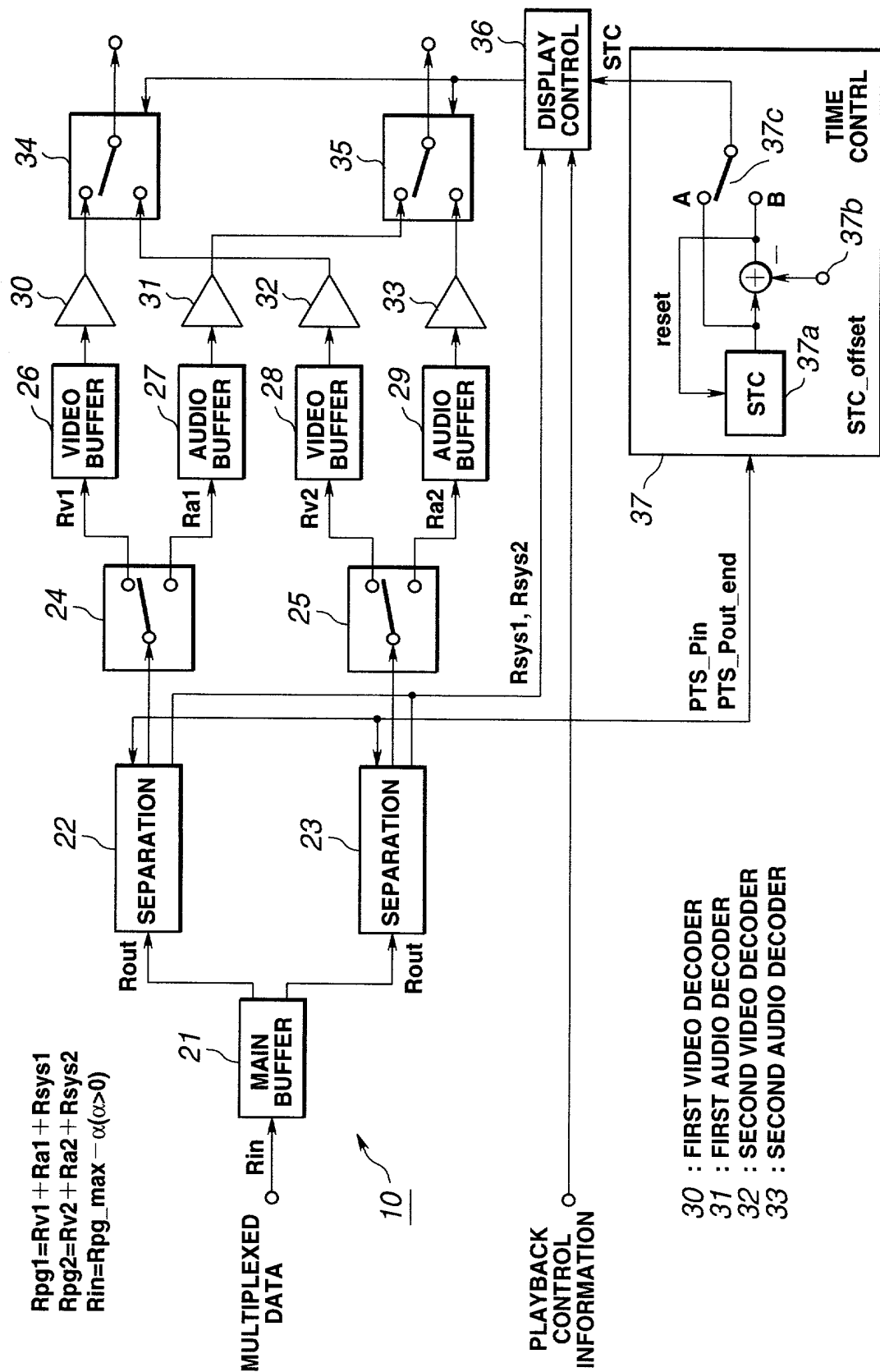
```

**FIG.10**

$$R_{pg1} = R_{v1} + R_{a1} + R_{sys1}$$

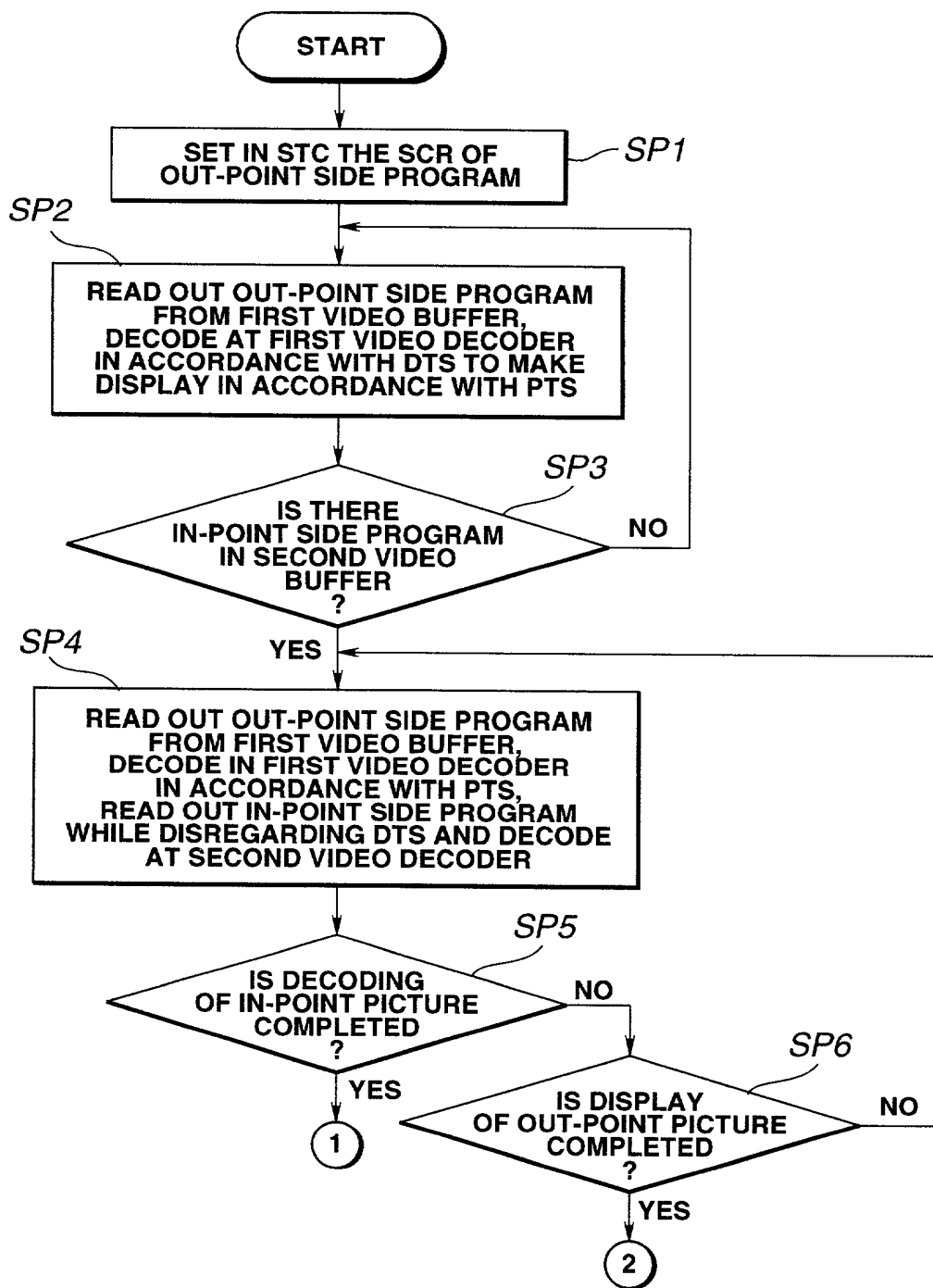
$$R_{pg2} = R_{v2} + R_{a2} + R_{sys2}$$

$$R_{in} = R_{pg\_max} - \alpha (\alpha > 0)$$

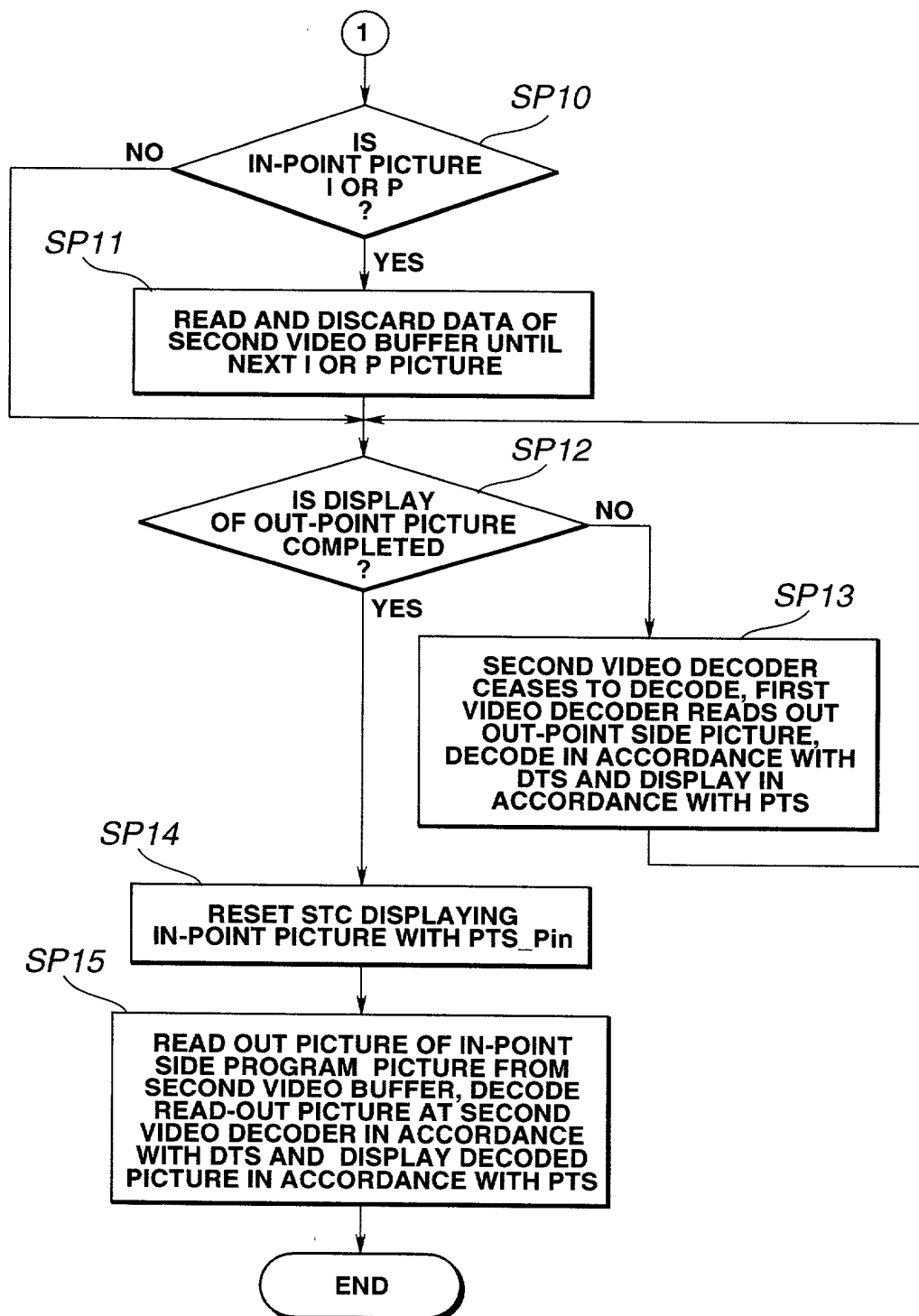


- 30 : FIRST VIDEO DECODER
- 31 : FIRST AUDIO DECODER
- 32 : SECOND VIDEO DECODER
- 33 : SECOND AUDIO DECODER

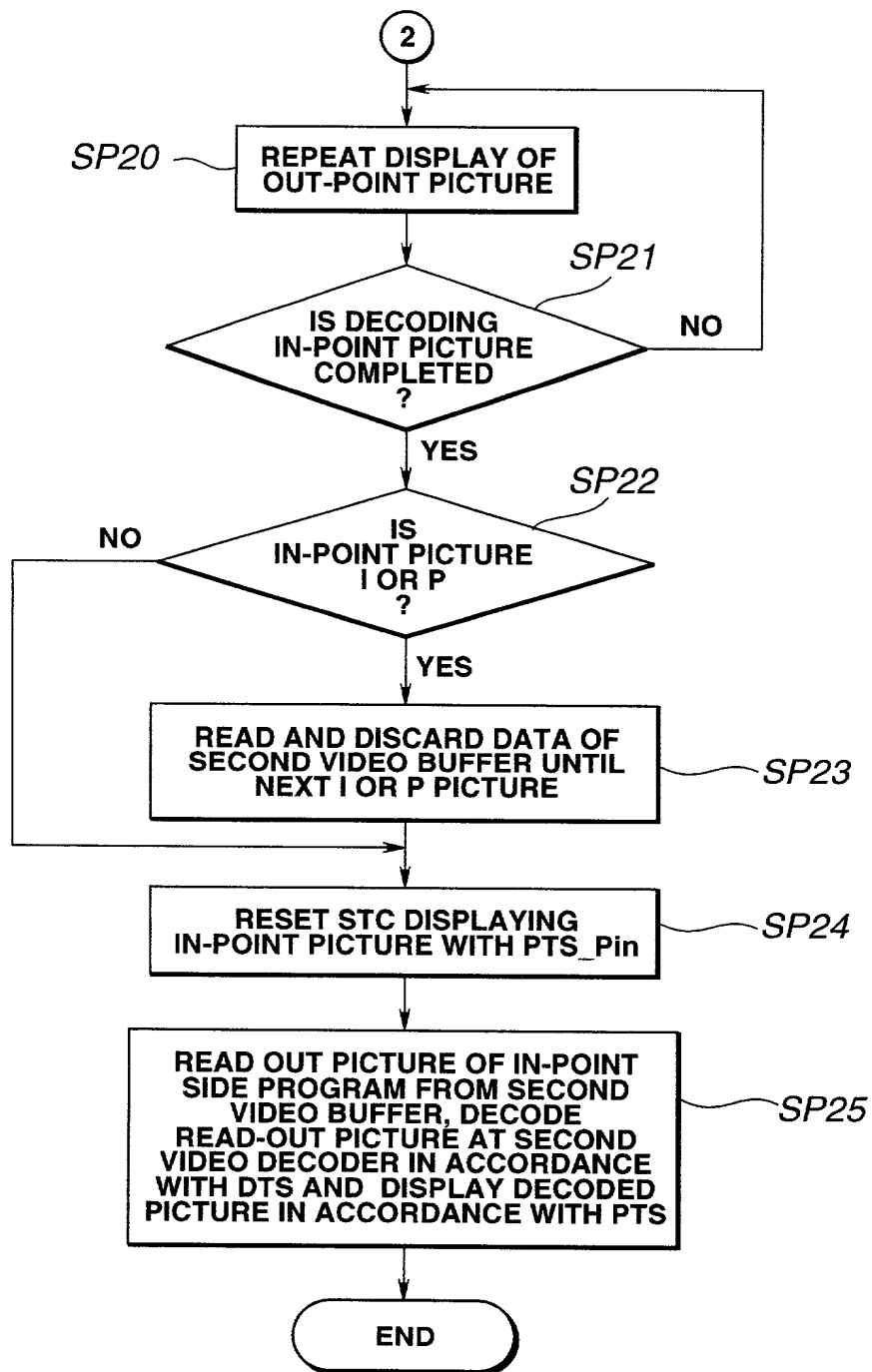
FIG.11



**FIG.12**



**FIG.13**



**FIG.14**

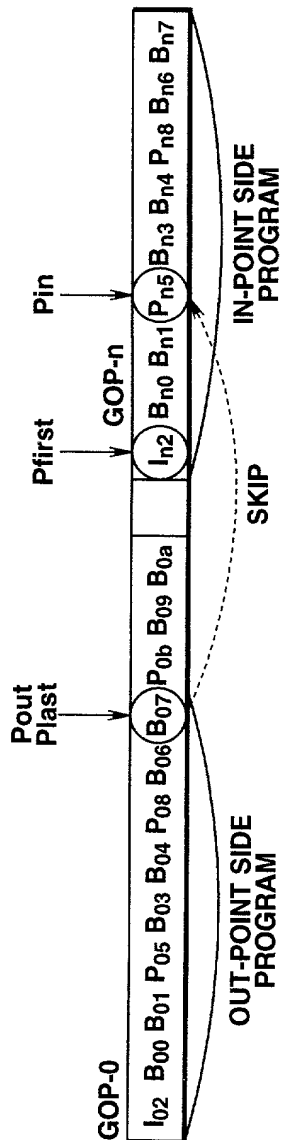


FIG.15A

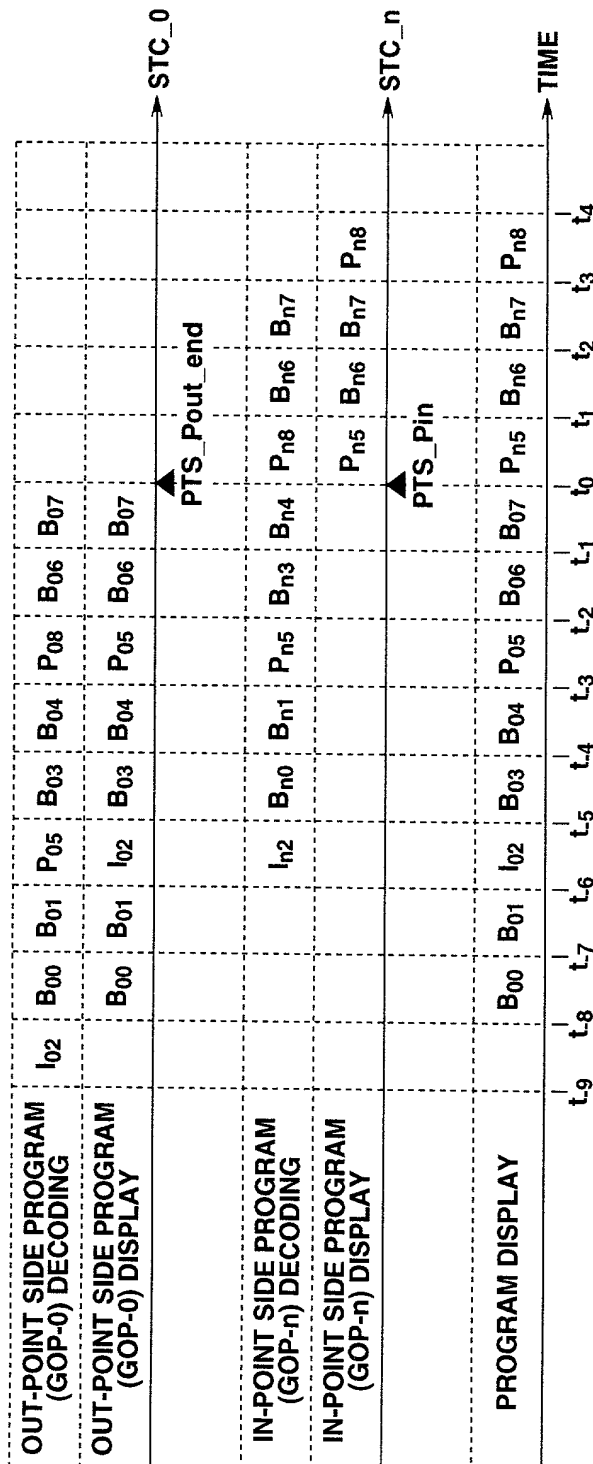


FIG.15B

FIG.15C

FIG.15D

FIG.15E

FIG.15F

SWITCHING TIME FROM  
STC<sub>0</sub> TO STC<sub>n</sub>  
(RESET STC AT PTS\_P<sub>in</sub>)

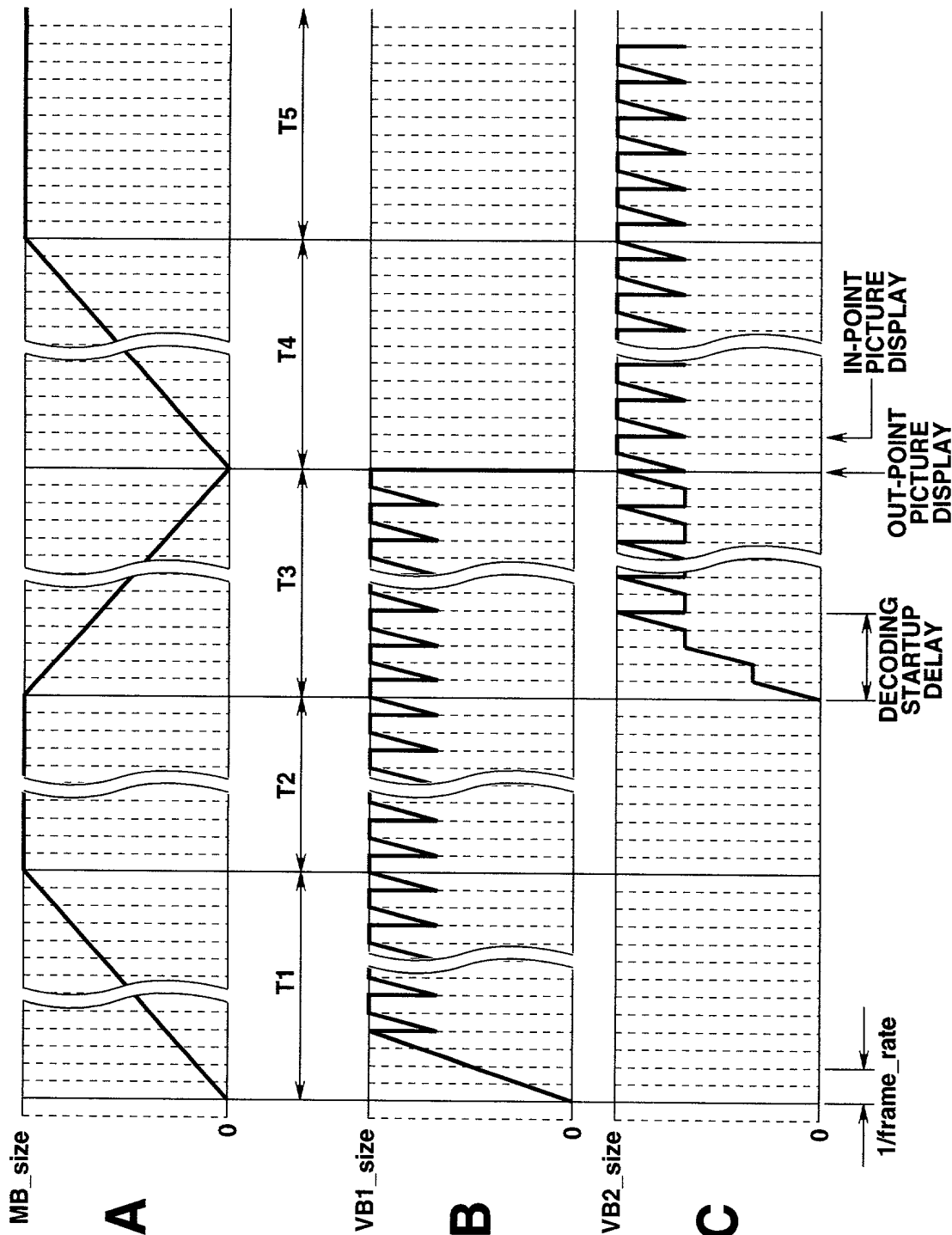
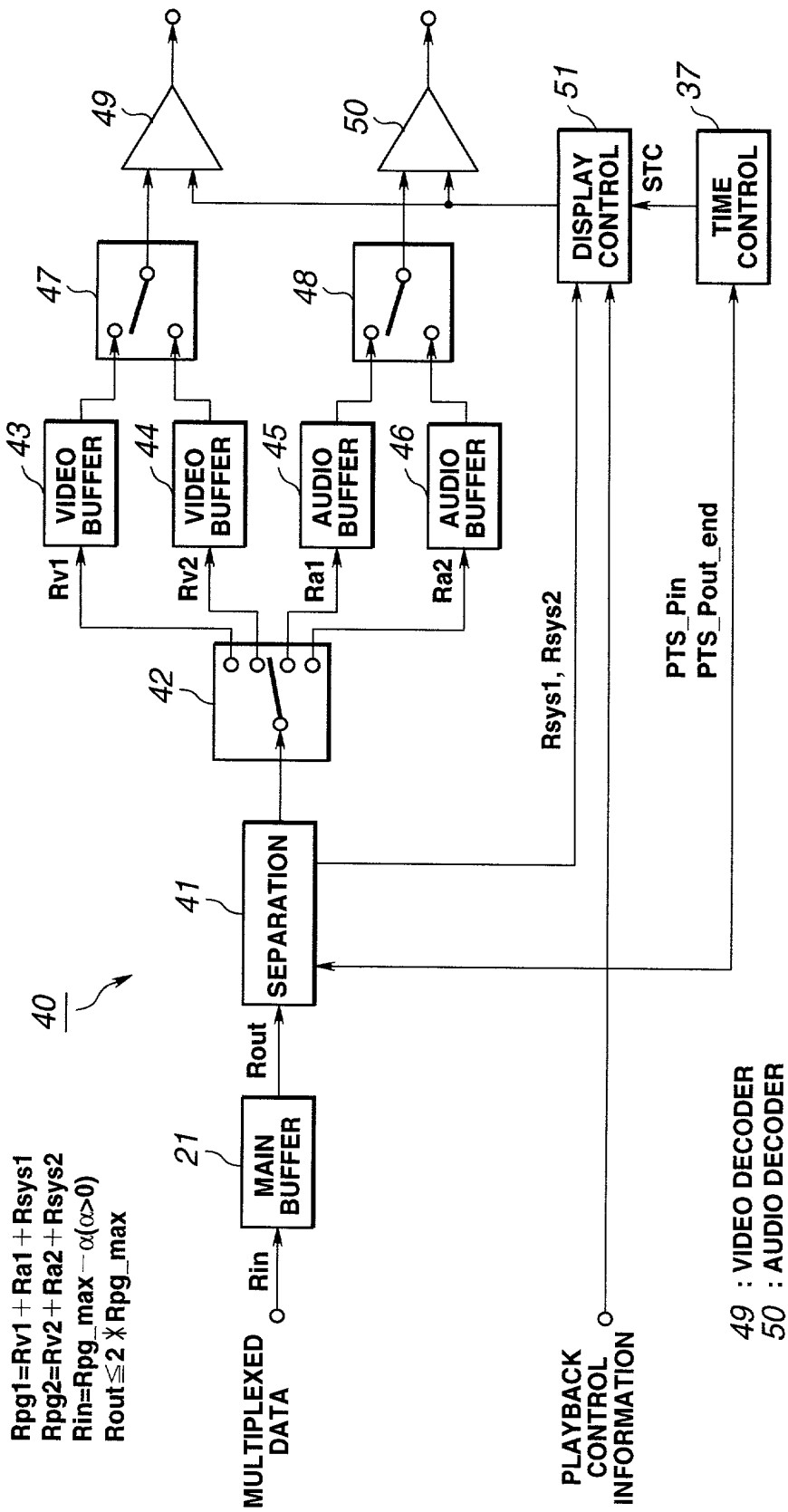


FIG.16A

FIG.16B

FIG.16C





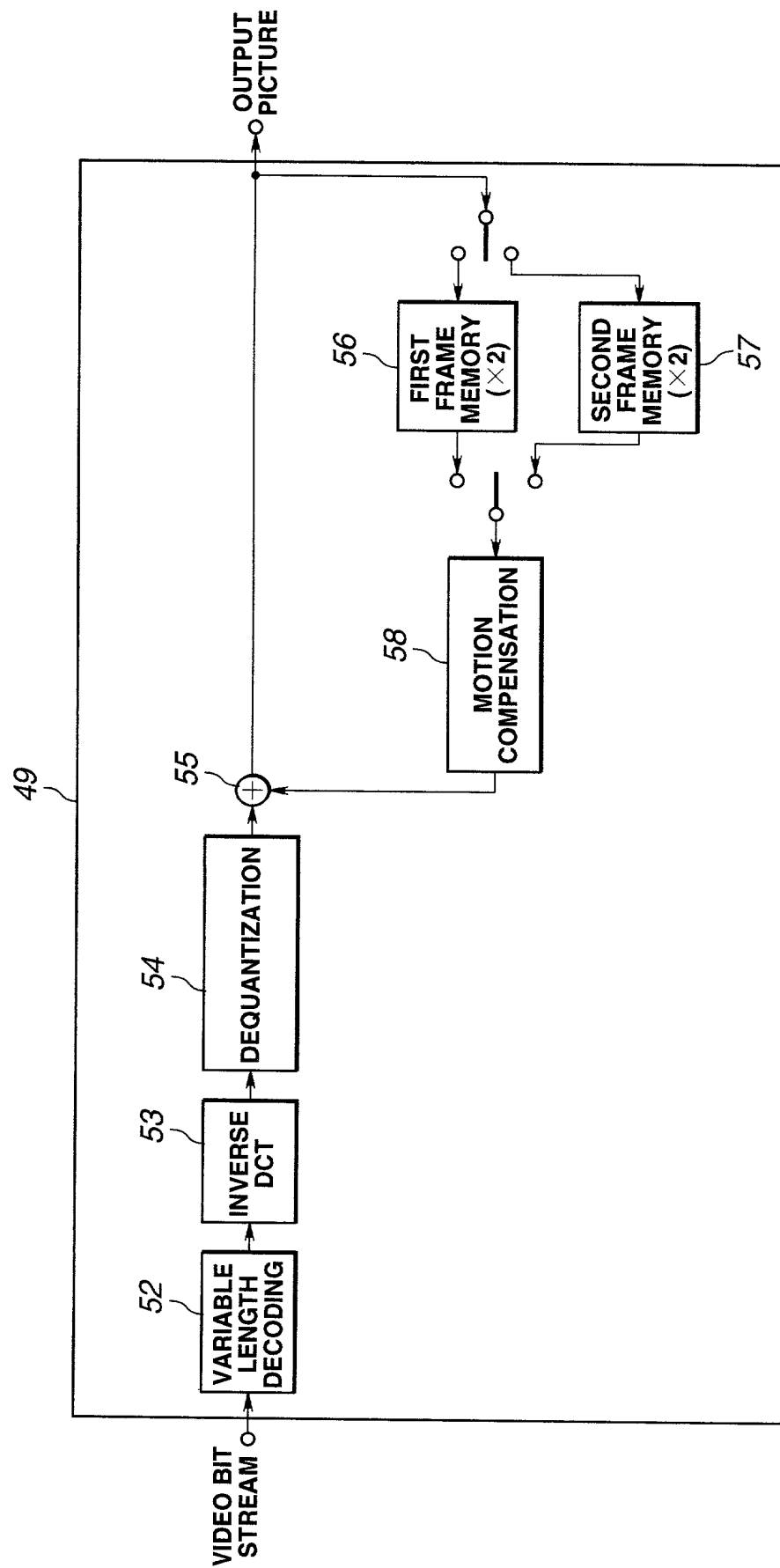
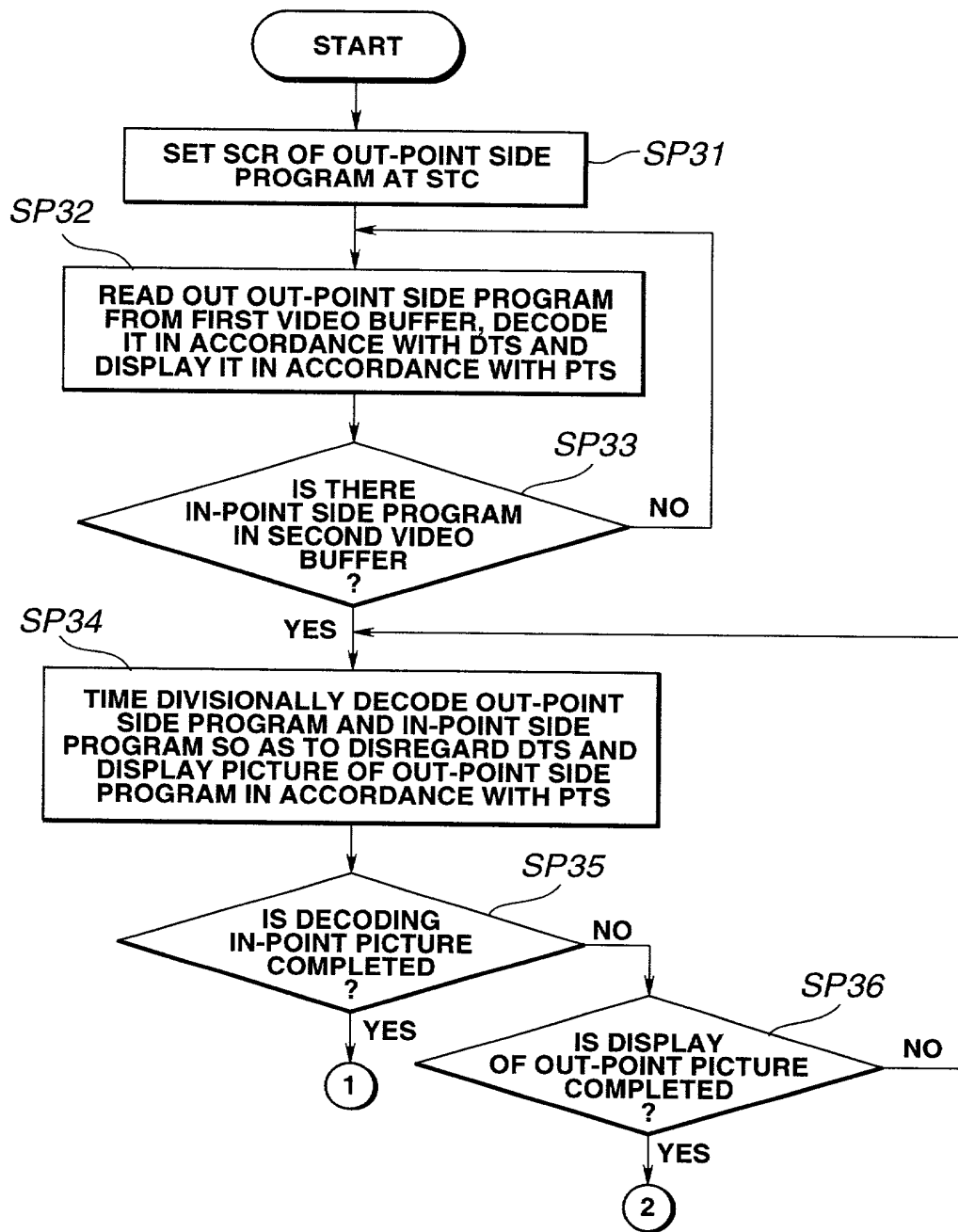
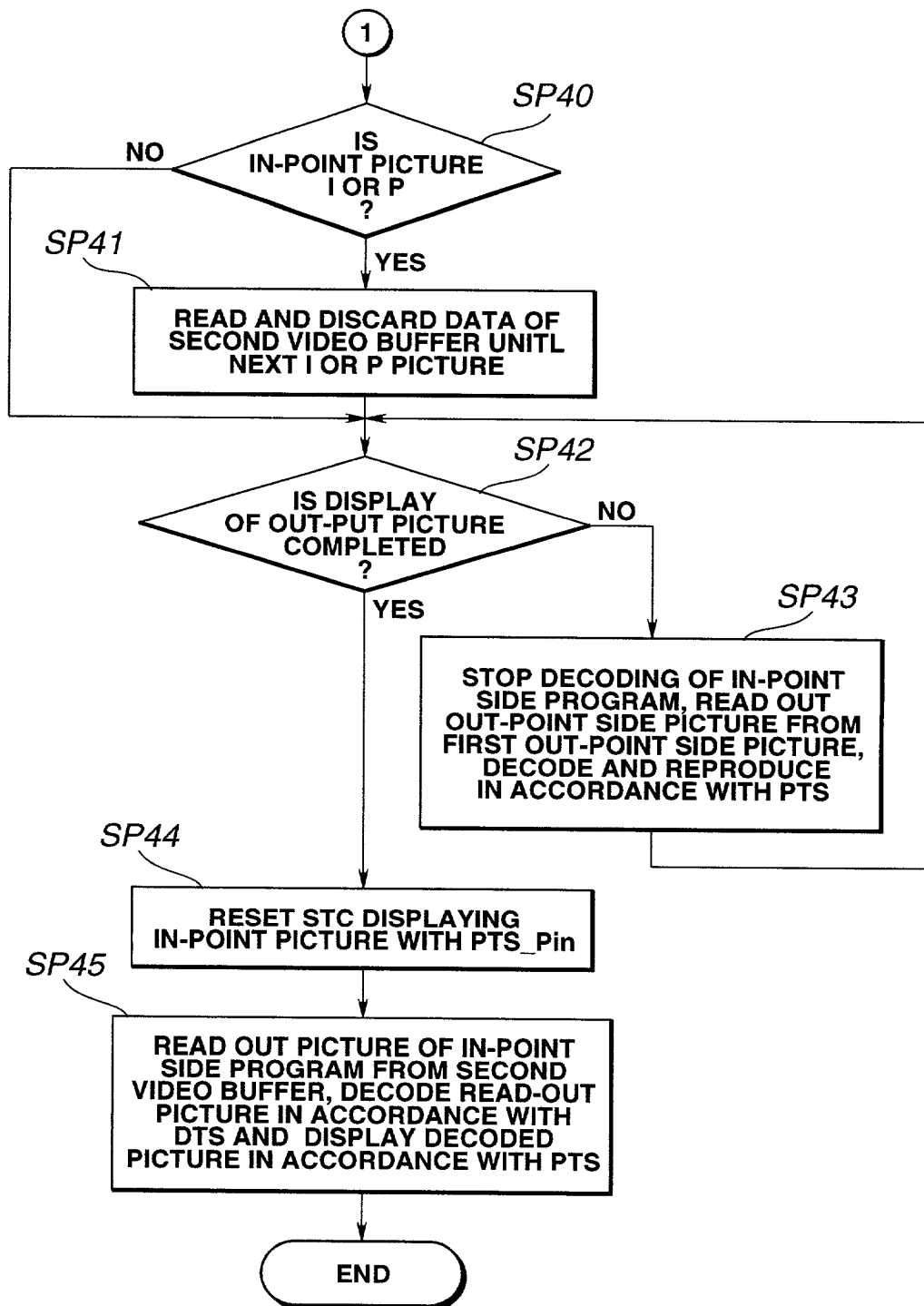


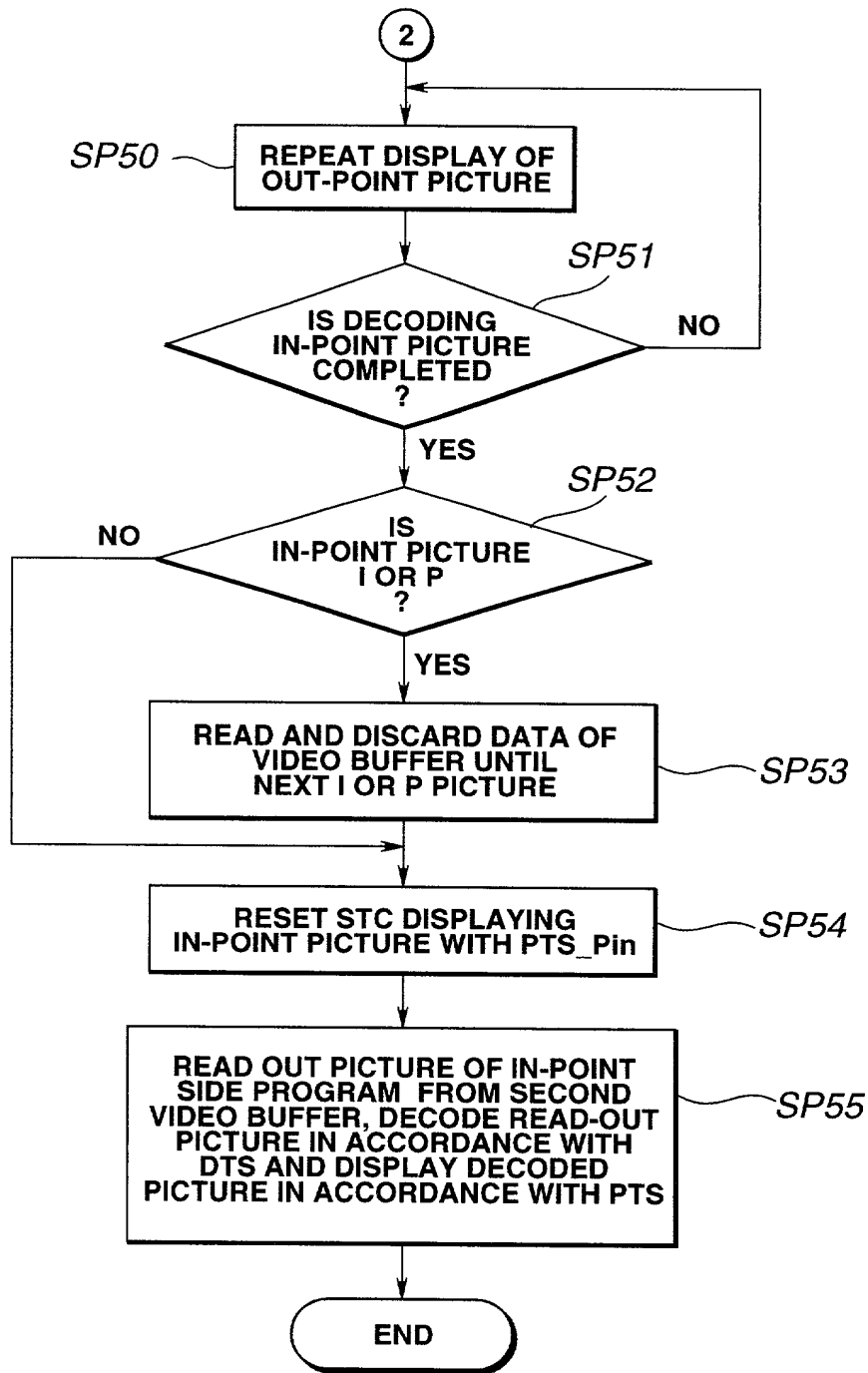
FIG.18



**FIG.19**



**FIG.20**



**FIG.21**

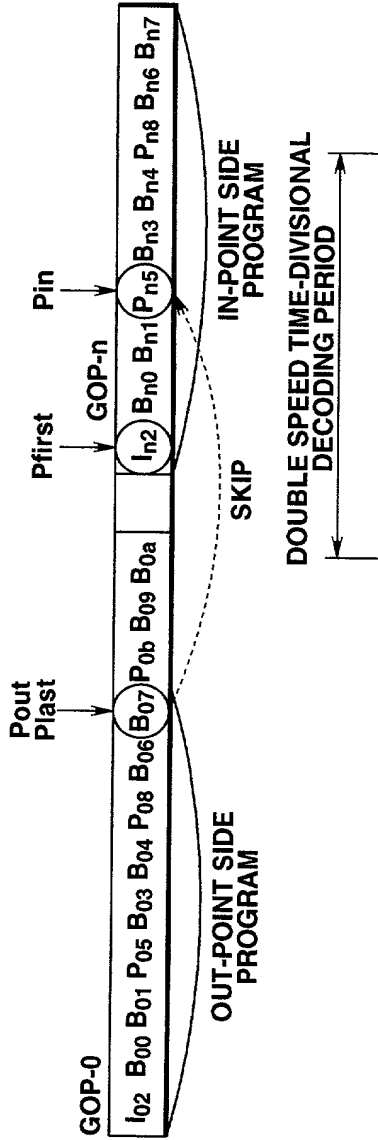


FIG. 22A

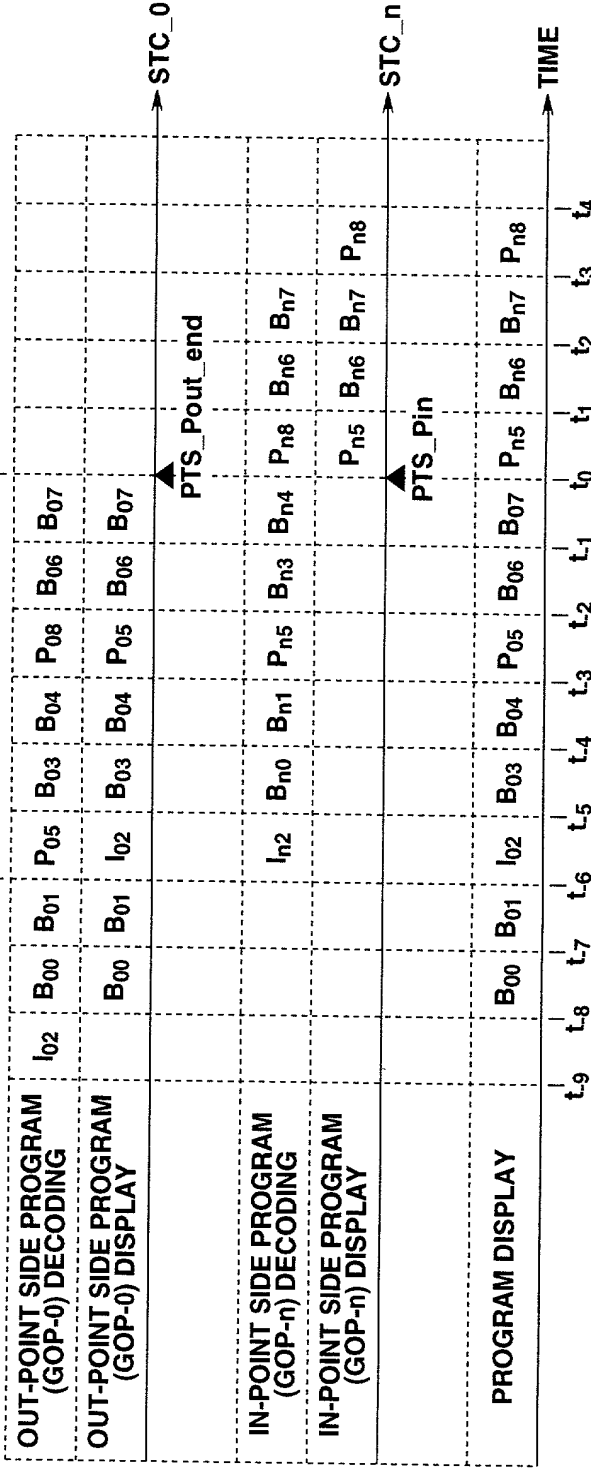


FIG. 22B

FIG. 22C

FIG. 22D

FIG. 22E

FIG. 22F

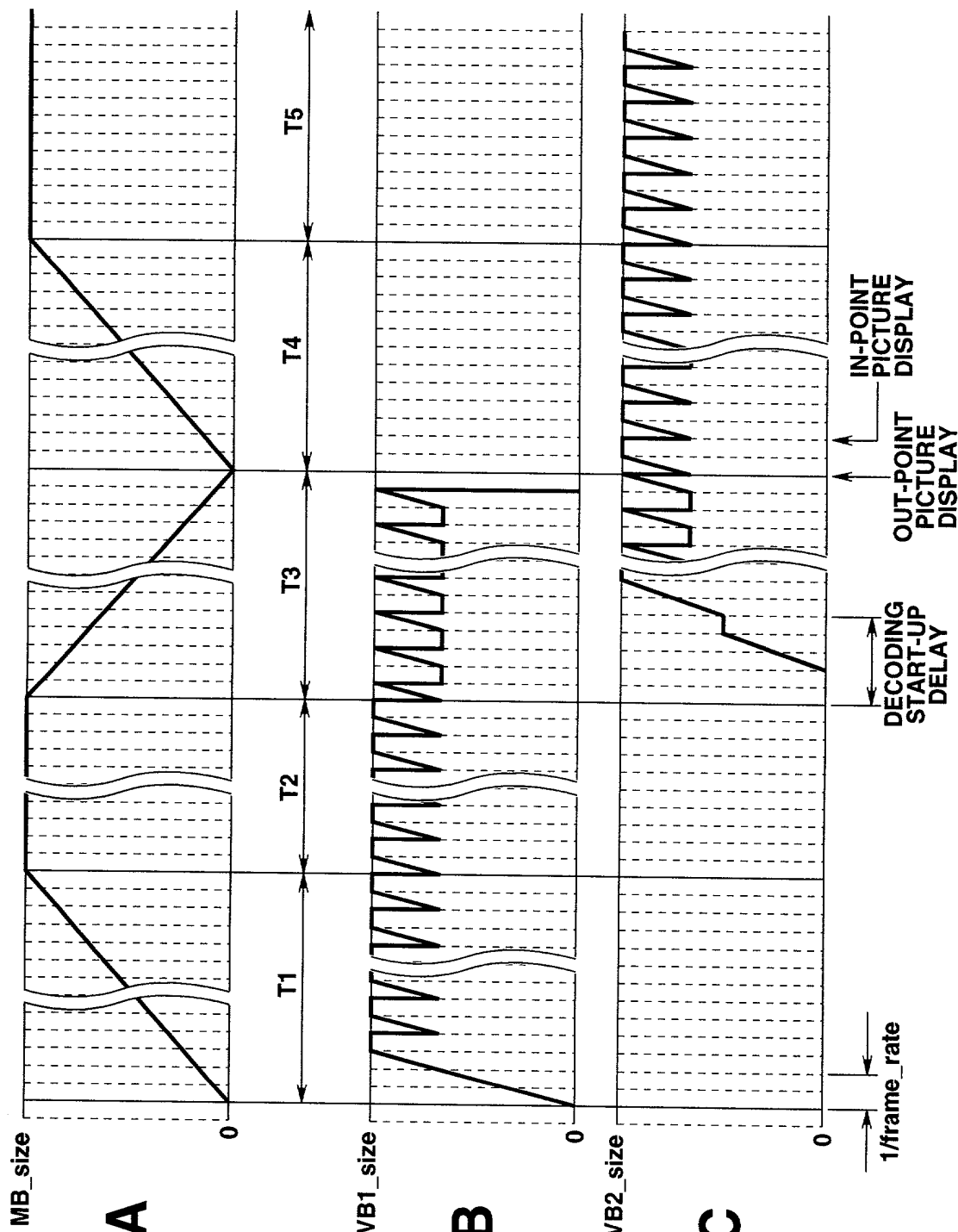


FIG. 23A

FIG. 23B

FIG. 23C

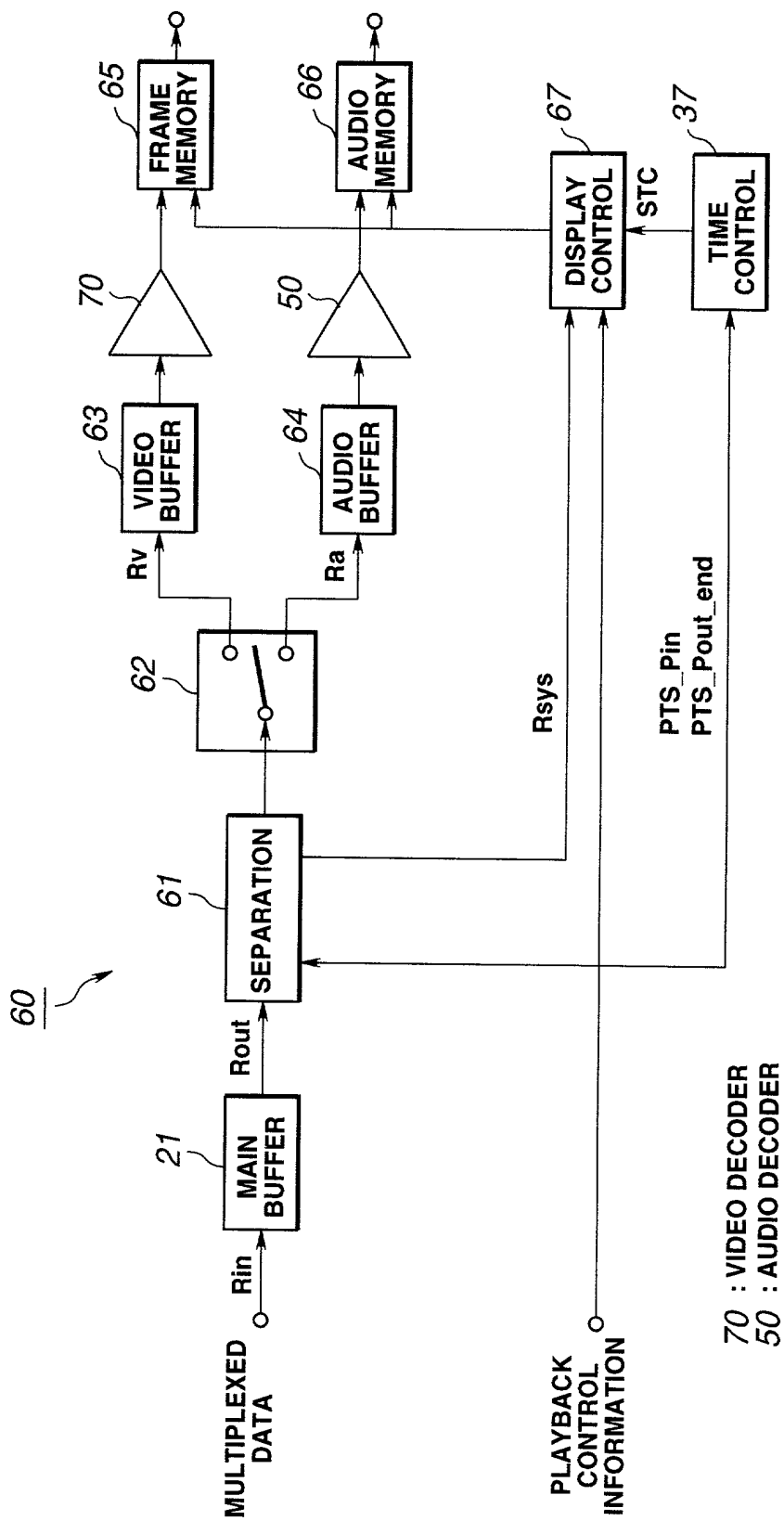
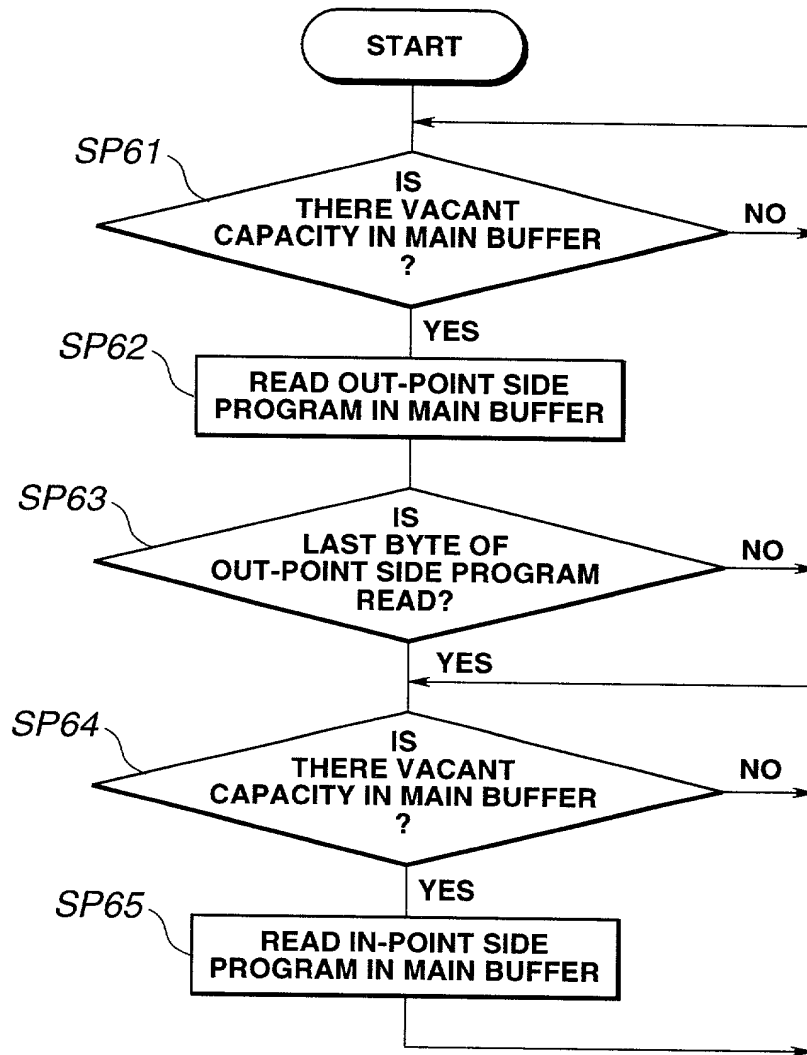
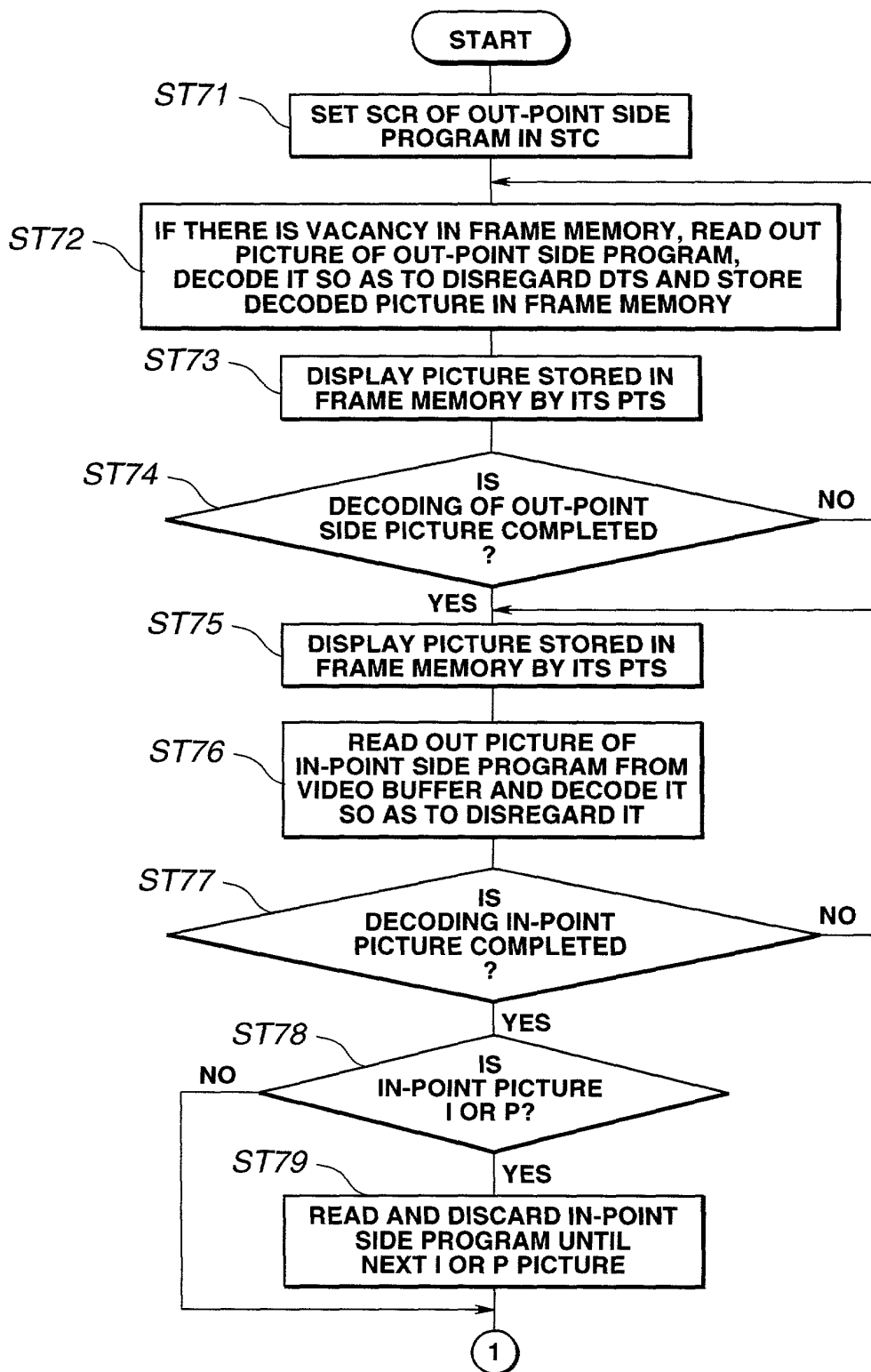


FIG.24

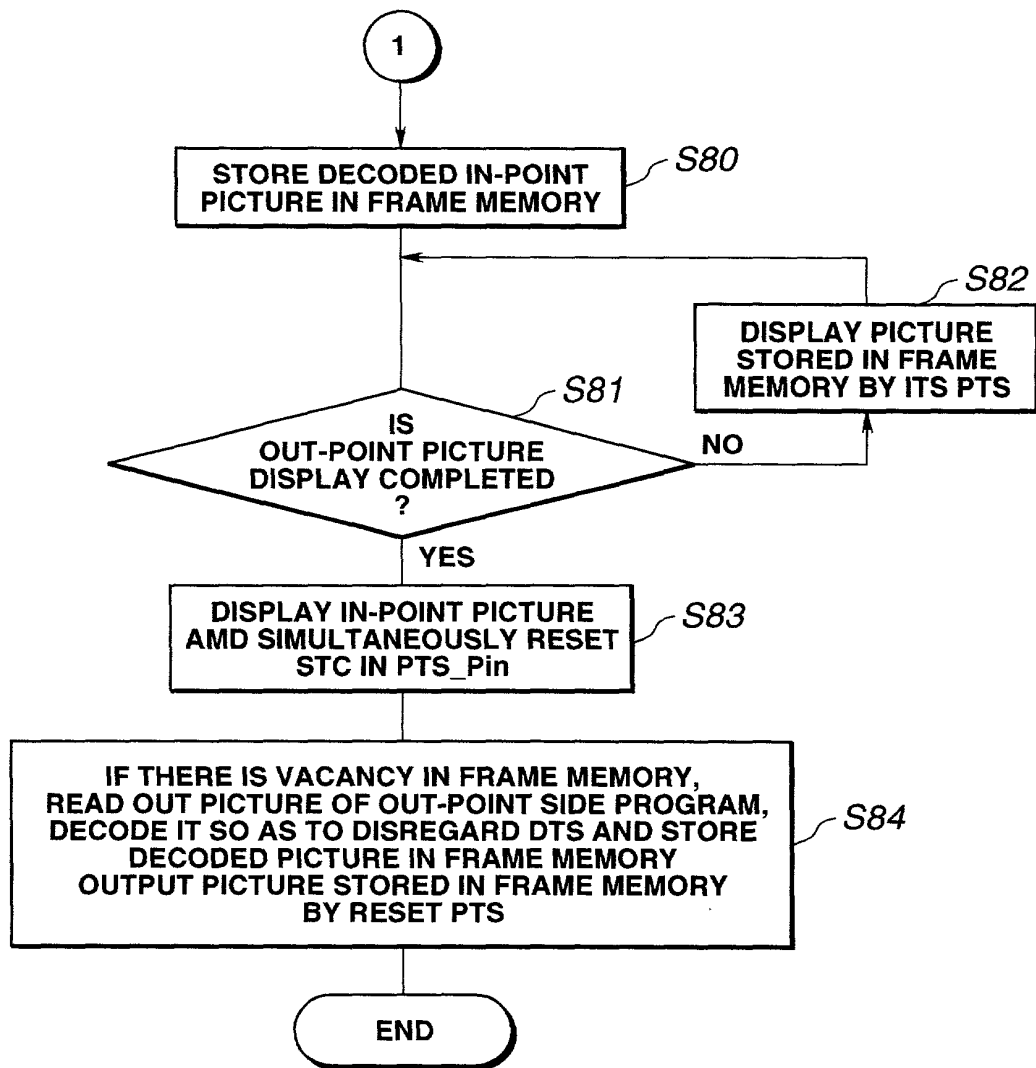


**FIG.25**





**FIG.26**



**FIG.27**

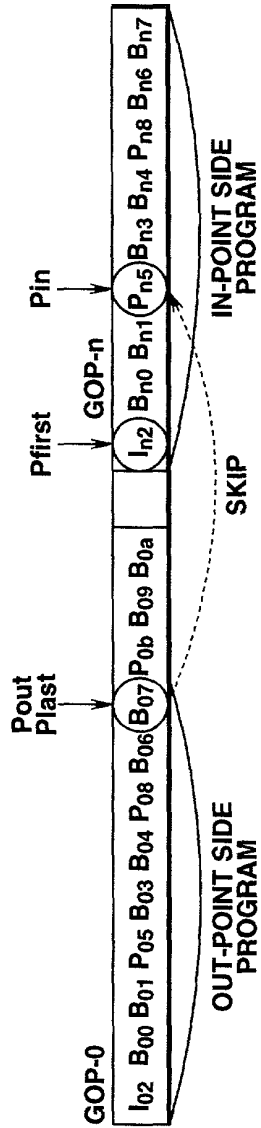


FIG.28A

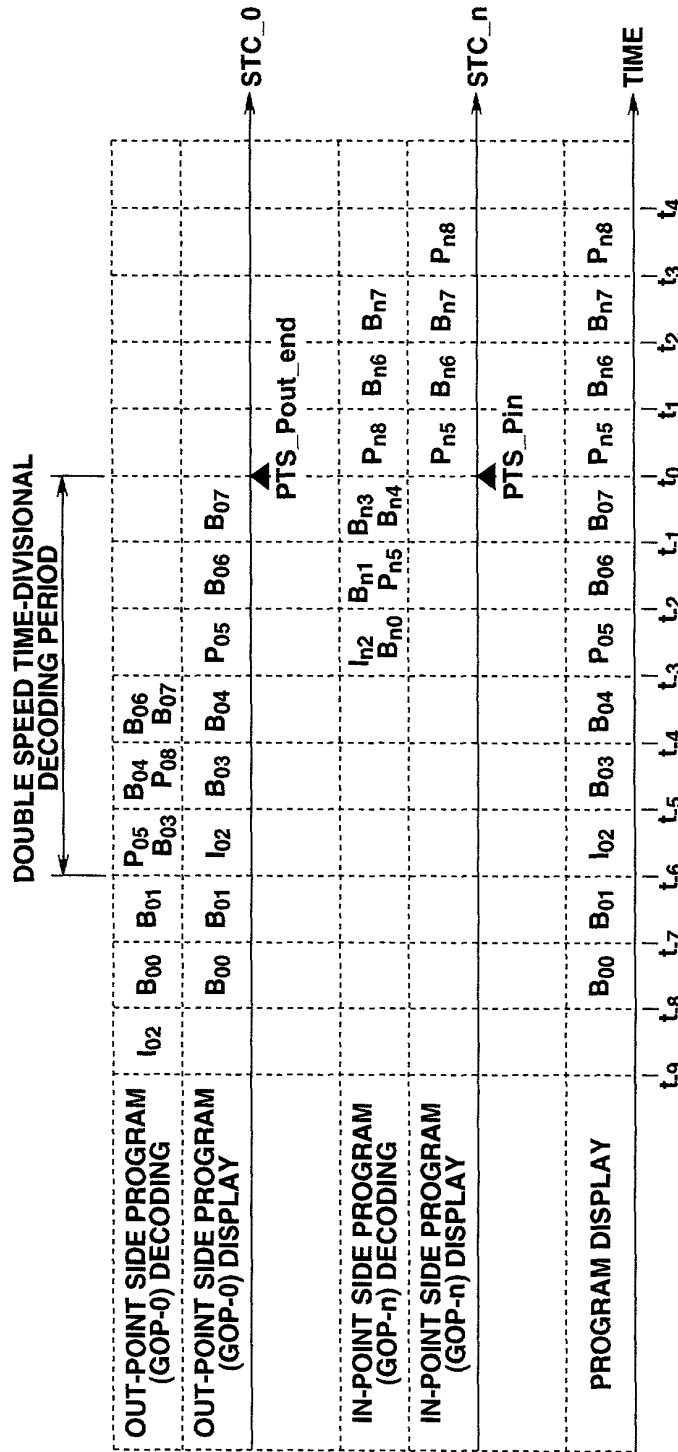


FIG.28B

FIG.28C

FIG.28D

FIG.28E

FIG.28F

